me_____ Date_____ Period_____

Bohr Models and Lewis Structures

rections: Fill in the table for each element. Record the atomic number, atomic mass, the number of otons, neutrons, and electrons, and write the electron configuration for each. Then draw both the Bohr odel and the Lewis Structure for each.

1. Hydrogen (H-1)

tomic Number = 1 tomic Mass = 1 Protons = 1 Neutrons = 0 Electrons = 1 Electron Configuration = 1	Bohr Model	Lewis Structure

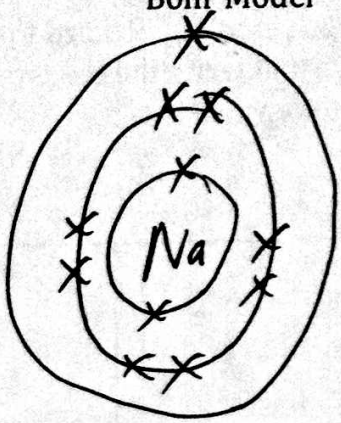
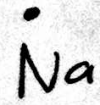
2. Boron (B-11)

Atomic Number = 5 Atomic Mass = 11 Protons = 5 Neutrons = 6 Electrons = 5 Electron Configuration = 2,3	Bohr Model	Lewis Structure

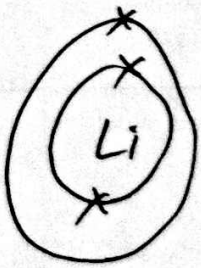
3. Helium (He-4)

Atomic Number = 2 Atomic Mass = 4 Protons = 2 Neutrons = 2 Electrons = 2 Electron Configuration = 2	Bohr Model	Lewis Structure

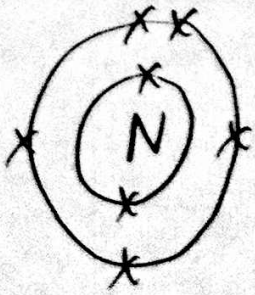
4. Sodium (Na-23)

Atomic Number = 11 Atomic Mass = 23 Protons = 11 Neutrons = 12 Electrons = 11 Electron Configuration = 2,8,1	Bohr Model 	Lewis Structure 

5. Lithium (Li-7)

Atomic Number = 3 Atomic Mass = 7 Protons = 3 Neutrons = 4 Electrons = 3 Electron Configuration = 2,1	Bohr Model 	Lewis Structure 

6. Nitrogen (N-14)

Atomic Number = 7 Atomic Mass = 14 Protons = 7 Neutrons = 7 Electrons = 7 Electron Configuration = 2,5	Bohr Model 	Lewis Structure